

Earth Science

Miss Oliver



Objectives

Upon completion of the study of the material, the student will be able to:

- Recognize the Creator in the earth science studies
- Identify and explain celestial phenomena using the regular and predictable motion of objects in the solar system, including the effects of the tilt of the Earth's axis.
- Understand the make-up of the atmosphere and recognize God's sustaining power in our existence, and its relationship to weather systems and climate.
- Understand the geological make-up of the earth, its effects on life on earth, and God's sustaining power
- Recognize the effects God's design of the oceans have on the earth
- Review data from a simple experiment, summarize the data, and construct a logical argument about the cause-and-effect relationships in the experiment.
- Design, analyze, or carry out simple investigations and formulate appropriate conclusions based on data obtained or provided.
- Analyze the value and the limitations of different types of models in explaining real things and processes.

Supply List

- Standard loose-leaf paper – use in binder with 3 dividers (binder may be used for several subjects)
- At least 4 sharpened #2 pencils (preferably no mechanical pencils)
- Set of colored pencils - sharpened

Classroom Rules

- Students must sit in assigned seats and be seated, ready to work, when the bell rings.
- Students must sit up, pay attention in class and participate, and avoid inappropriate classroom behavior, allowing all to benefit from instruction.
- Students will show respect to the teacher and to one another.
- Special note: *During the frequent lab activities, it is paramount that the students closely follow directions. Any failure to do so or inappropriate behavior will not be tolerated. The safety necessary to participate in laboratory activities requires that all students adhere to the directions given.*

Grading Policies

- Tests – 30 %
- Quizzes - 30%
- HW/ Labs/ Class work/ Participation – 40%